

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (currently amended) A nonvolatile storage device comprising:

a plurality of external terminals;

a controller; and

a nonvolatile memory,

said controller controlling storage operation of data inputted from said external terminals to ~~a region~~
~~designated by an area within~~ said nonvolatile memory, said storage operation being dependent ~~depending on~~ control information inputted from any of said plurality of external terminals,

wherein the nonvolatile storage device includes:

a plurality of external data terminals to which a data signal is inputted;

a pull-up circuit for pulling to pull up the external data terminals ~~up~~ to a power source voltage;

a level detection circuit for detecting to detect a potential of at least one of said external data terminals; and

a data transfer circuit ~~for~~ to selectively fetching the data signal inputted to said plurality of external data terminals and then transferring the data signal to an internal circuit as data of a ~~predetermined~~ bus width, and wherein said level detection circuit detects a potential of ~~a predetermined terminal~~ at least one of said plurality of external data terminals when said control information is inputted, and said data transfer circuit determines said bus width depending on a combination of potentials of a group of the ~~predetermined~~ external data terminals.

2. (currently amended) The nonvolatile storage device according to claim 1, wherein eight terminals are provided in total as said plurality of external data terminals and the potentials of four external data terminals are detected by said level detection circuit.

3. (currently amended) The nonvolatile storage device according to claim 2, wherein when said level detection circuit detects that the potentials of said four external data terminals are all higher than the predetermined potential, said data transfer circuit fetches the data

signal inputted to ~~any one of among~~ said plurality of
~~predetermined~~ external data terminals and then transfers
the data signal to the internal circuit.

4. (currently amended) The nonvolatile storage device
according to claim 3, wherein when said level detection
circuit detects that a potential of a first terminal of
said four external data terminals is lower than the
predetermined potential, said data transfer circuit fetches
the data signal inputted to ~~any one of~~ said plurality of
~~predetermined~~ external data terminals at a higher rate than
a rate when the potentials of said four external data
terminals are all higher than the predetermined potential
and then transfers the data signal to the internal circuit.

5. (currently amended) The nonvolatile storage device
according to claim 4, wherein when said level detection
circuit detects that a potential of a second terminal of
said four external data terminals is higher~~lower~~ than the
predetermined potential, said data transfer circuit fetches
the data signals inputted to the ~~four~~ external data
terminals other than said four~~predetermined~~ external data
terminals and then transfers the data signals to the
internal circuit.

6. (currently amended) The nonvolatile storage device according to claim 5, wherein when said level detection circuit detects that a potential of a third terminal of said four external terminals is higher~~lower~~ than the predetermined potential, said data transfer circuit fetches the data signals inputted to all of said eight external data terminals and then transfers these data signals to the internal circuit.

7. (previously presented) The nonvolatile storage device according to claim 6, wherein any one of said eight external data terminals is also used as a terminal to which a control signal is inputted.

8. (currently amended) The nonvolatile storage device according to claim 7, wherein said pull-up circuit ~~are~~ is formed on a same semiconductor chip ~~where-as~~ as said controller ~~is formed~~.

9. (currently amended) The nonvolatile storage device according to claim 8, further comprising a volatile memory ~~for storing~~ to store data, ~~which is~~ fetched from said external data terminals and ~~is then~~ transferred by said

data transfer circuit, before the ~~same~~ data is written to said nonvolatile memory.

10. (currently amended) The nonvolatile storage device according to claim 9, further comprising a timing generation circuit ~~for notifying~~ to generate a detection timing ~~of signal for~~ for said level detection circuit by detecting ~~the~~ an input of said control signal.